



Earth Science

Assignment # _____

Reference Table Scavenger Hunt

Name: _____ Date: _____ Period: _____

1. What EDITION of the Earth Science Reference Tables do you have? _____
2. Name the New York State Fossil: _____
3. On what page do you find a diagram of the ROCK CYCLE? _____
4. Name the three TEMPERATURE SCALES listed on P.13:
_____, _____, _____
5. What 2 charts are located on page 12? _____ & _____
6. What is the weather map symbol for a THUNDERSTORM? _____
7. What type of air mass does the symbol, cP, represent on a weather map?

8. Where can you find the SPECIFIC HEAT of copper? _____
9. What is the SPECIFIC HEAT of copper? (number and units) _____
10. What is the HALF LIFE of Uranium-238? _____
11. How much heat energy is released during the freezing of water? _____
12. What is the chemical formula for the mineral GALENA? _____
13. On what page did you find the answer to question #12? _____
14. Is the BRAZIL CURRENT a warm or cold ocean current? _____
15. What is the GEOLOGIC PERIOD of the bedrock found in the Finger Lakes region of New York State?

16. List the 4 types of bedrock found in the Finger Lakes region:

17. What is the most abundant element in the earth's Crust? _____

18. During which PERIOD of Geologic history did the EARLIEST BIRDS appear on Earth?

19. What is the approximate TEMPERATURE of the Earth at a depth of 3000 km? _____ °C

20. What is the formula for GRADIENT?

21. What is the density of water at 3.98°C? _____

22. What element has a HALF- LIFE of 4.9×10^{10} years? _____

23. Name the two types of earthquake waves listed on page 11: _____ & _____

24. Change 29.5 inches of Pressure to MILLIBARS of Pressure. _____ mb

25. What is the HARDNESS of the mineral, OLIVINE? _____